

CLAIMS

1. A device comprising:
 - a substrate;
 - at least one solid-state optical amplifier attached to the substrate; and
 - a plurality of mirrors attached to the substrate and moveable relative to the substrate independent of each other;wherein light having a wavelength within a selected range enters the device, is amplified by the amplifier and reflected by one of the mirrors to exit the device in a direction controlled by the mirror.
2. The device of claim 1, wherein the light is amplified by the amplifier before and after reflection by the mirror.
3. The device of claim 1, wherein the amplifier is attached to the mirror and moves with the mirror relative to the substrate.
4. The device of claim 1, wherein the amplifier is contained in the substrate.